

Revealing financial interactions

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Summary

This thesis focuses on understanding the mechanism of financial phenomena in asset markets, such as recent price bubbles in global commodity markets, and the contagion of financial crisis in the Eurozone. The contribution of this thesis is both methodological and empirical. This thesis develops novel methodologies to analyze how the interactions among investors and different markets affect commodity and stock prices. With these analyses, this thesis finds the recent price volatilities in commodity markets can be partly attributed to the co-existence of different investor groups that employ sub-rational trading strategies. This thesis also reveals how the network of mutual influences among different European stock markets change during the Eurozone crises.